

Substitute Form PTO-1449 (Modality)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10225-003003	Application No. 10/728,698
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small>		Applicant Presley Hays et al.	
		Filing Date December 5, 2003	Group Art Unit 2625
<small>37 CFR §1.98(g)</small> <small>© 2004 USPTO</small>			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/KP/	AA	3,824,393	07/16/1974	Alfred E. Brain			
	AB	3,851,972	12/03/1974	Smith et al.			
	AC	4,011,004	03/08/1977	Levine et al.			
	AD	4,196,265	07/01/1980	Koprowski et al.			
	AE	4,249,825	02/1981	Shapiro			
	AF	4,342,905	08/03/1982	Fujii et al.			
	AG	4,393,466	07/1983	Deindoerfer et al.			
	AH	4,513,438	04/23/1985	Graham et al.			
	AI	4,612,614	09/1986	Deindoerfer et al.			
	AJ	4,656,594	04/07/1987	Ledley			
	AK	4,673,973	06/16/1987	Ledley			
	AL	4,700,298	10/13/1987	Palcic et al.			
	AM	4,741,043	04/1988	Bacus			
	AN	4,945,220	07/31/1990	Mallory et al.			
	AO	4,965,725	10/1990	Rutenberg			
	AP	4,991,223	02/05/1991	Bradley			
	AQ	5,003,165	03/26/1991	Sarfati et al.			
	AR	5,008,185	04/1991	Bacus			
	AS	5,018,209	05/1991	Bacus			
	AT	5,051,816	09/1991	Harrison et al.			
	AU	5,068,909	11/26/1991	Rutherford et al.			
	AV	5,085,325	02/04/1992	Jones et al.			
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	AX	5,123,055	06/1992	Kasdan			
	AY	5,202,931	04/13/1993	James W. Bacus			
	AZ	5,233,684	08/03/1993	Ulichney et al.			
▼	AAA	5,254,845	10/19/1993	Burgess et al.			

Examiner Signature /Kanjibhai Patel/	Date Considered 04/13/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	ACC	5,268,966	12/07/1993	Harvey L. Kasdan			
	ADD	5,287,272	02/15/1994	Rutenberg et al.			
	AEE	5,317,140	05/1994	Dunthorn			
	AFF	5,321,545	06/14/1994	Bisconte			
	AGG	5,333,207	07/26/1994	Mark R. Rutenberg			
	AHH	5,338,924	08/16/1994	Barrett et al.			
	AII	5,352,613	10/1994	Tafas et al.			
	AJJ	5,375,177	12/20/1994	Vaidanathan et al.			
	AKK	5,409,007	04/1995	Saunders et al.			
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	AOO	5,463,470	10/31/1995	Terashita et al.			
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	AQQ	5,473,706	12/05/1995	Bacus et al.			
	ARR	5,481,401	01/02/1996	Kita et al.			
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	ATT	5,515,172	05/07/1996	Shiau			
	AUU	5,526,258	06/11/1996	Bacus			
	AVV	5,533,628	07/09/1996	Tao			
	AWW	5,583,666	12/10/1996	Ellison et al.			
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	AAAA	5,635,402	06/03/1997	Alfano et al.			
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	ADDD	5,671,288	09/23/1997	Wilhelm et al.			
	AEEE	5,690,892	11/25/1997	Babler et al.			
	AFFF	5,691,779	11/25/1997	Yamashita et al.			
	AGGG	5,701,172	12/23/1997	Azzay			
	AHHH	5,706,093	01/06/1998	Yashuhiro Komiya			
	AIII	5,726,009	03/10/1998	Connors et al.			
	AJJJ	5,735,387	04/07/1998	Polaniec et al.			
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	AOOO	5,846,749	12/08/1998	Slamon et al.			
	APPP	5,851,186	12/22/1998	Wood et al.			
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	ARRR	5,867,598	02/02/1999	Ricardo L. de Queiroz			
	ASSS	5,877,161	03/02/1999	Riabowol			
	ATTT	5,880,473	03/09/1999	Ginestet, Jacques			
	AUUU	5,888,742	06/27/1999	Lal et al.			
	AVVV	5,889,881	03/30/1999	Macaulay et al.			
	AWWW	5,911,003	06/08/1999	Richard A. Sones			
	AXXX	5,911,327	06/15/1999	Tanaka et al.			
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	AZZZ	5,966,465	10/12/1999	Keith et al.			
	AAAAA	6,006,191	12/21/1999	Andrew L. DiRienzo			
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	AEEEE	6,058,322	05/02/2000	Nishikawa et al.			
	AFFFF	6,072,570	06/06/2000	Chipman et al.			
	AGGGG	6,097,838	08/2000	Klassen et al.			
	AHHHH	6,101,265	08/08/2000	Bacus et al.			
	AIIII	6,117,985	09/12/2000	Thomas et al.			
	AJJJJ	6,122,400	09/2000	Reitmeier			
	AKKKK	6,125,194	09/26/2000	Yeh et al.			
	ALLLL	6,141,602	10/31/2000	Igarashi et al.			
	AMMMM	6,151,535	11/21/2000	Ehlers			
	ANNNN	6,169,816	01/02/2001	Ravkin, Ilya			
	AOOOO	6,215,892	04/10/2001	Douglass et al.			
	APPPP	6,215,894	04/10/2001	Zeleny et al.			
	AQQQQ	6,225,636	05/01/2001	Ginestet, Jacques			
	ARRRR	6,226,392	05/01/2001	Bacus et al.			
	ASSSS	6,226,636	05/01/2001	Abdel-Mottalep et al.			
	ATTTT	6,236,031	05/22/2001	Mitsunori Ueda			
	AUUUU	6,238,892	05/29/2001	Mercken et al.			
	AVVVV	6,259,807	07/10/2001	Ravkin, Ilya			
	AWWWW	6,281,874	08/28/2001	Sivan et al.			
	AXXXX	6,290,907	09/18/2001	Takahasi et al.			
	AYYYY	6,313,452	11/06/2001	Paragano et al.			
	AZZZZ	6,374,989	04/23/2002	Vany Dyke, Jr. et al.			
	AAAAAA	6,418,236	07/09/2002	Ellis et al.			
	BBBBB	6,466,690	10/15/2002	Bacus et al.			
	CCCCC	2002/0164810	11/07/2002	Dukor et al.			
▼	ADDDDD	2002/0067409	06/06/2002	Hararai et al.			

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/KP/	AGGGGG	0213666	03/11/1987	EPO			
	AHHHHH	0557871	09/01/1993	EPO			
	AIIIII	0713086	05/22/1996	EPO			
	AJJJJJ	3735091	04/28/1998	Germany			
	AKKKKK	3340647	05/23/1985	Germany			
	ALLLLL	92/17848	10/15/1992	WIPO			
	AMMMMM	97/20198	06/05/1997	WIPO			
	ANNNNN	00/49391	08/24/2000	WIPO			
	AOOOOO	01/37206	05/25/2001	WIPO			
▼	APPPPP	03/014795	02/20/2003	WIPO			

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/KP/	AQQQQQ	Ballard, D.H., et al. "Computer Vision" <i>Prentice-Hall, Inc., Englewood Cliffs, NJ 07632</i> pp. 65-70 and 149-165 (1982)
	ARRRRR	Bander, N.H., "Monoclonal Antibodies to Renal Cancer Antigens", Vol. 18, Supp. 2, pp. 10-12, 1990. Abstract
	ASSSSS	Duda R.O., et al. "Pattern Classification and Scene Analysis" <i>J. Wiley & Sons, Inc.</i> pp. 228-239 and 276-284 (1973)
	ATTTTT	McKeough et al., "A Low-Cost Automatic Translation and Autofocusing Systems for a Microscope", <i>Measurement Science and Technology, IOP Publishing, Bristol, GB</i> , Vol. 6, NO. 5, pp. 583-587, May 1, 2995
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	AZZZZZ	John C. Russ, "Image Processing Handbook, 2 nd Edition", Library of Congress Cataloging-in-Publication Data, 1995	
	AAAAAAA	ChromaVision, "Products", http://www.chromavision.com/products/index.htm	
	BBBBBBB	Pratt, William K., "Digital Image Processing, 2 nd Edition," A Wiley-Interscience Publication, 1991	
	ACCCCCC	Castleman, Kenneth R., "Digital Image Processing", Library of Congress Cataloging-in-Publication Data, 1996	
	ADDDDDD	Ledley, R.S. et al., "Fundamentals of True-Color Image Processing", IEEE, pp. 791-795, 1990	
	AEEEEEE	Mize, R. Ranney et al., "Quantitative immunocytochemistry using an image analyzer. I. Hardware evaluation, image processing, and data analysis", Journal of Neuroscience Methods, 26 (1988) 1-24	
	AFFFFFF	Caulet S. et al., "Comparative Quantitative Study of Ki-67 Antibody Staining in 78 B and T Cell Malignant Lymphoma (ML) Using Two Image Analyser Systems", Path. Res. Pract. 188, 490-496 (1992)	
	AGGGGGG	Goldschmidt, R.A. et al., "Automated Immunohistochemical Estrogen Receptor Staining and Computerized Image Analysis-Comparison with Biochemical Methods", Supplied by the British Library - "The world's knowledge" www.bl.uk	
	AHHHHHH	Gross, Douglas S. et al., "Quantitative Immunocytochemistry of Hypothalamic and Pituitary Hormones: Validation of an Automated, Computerized Image Analysis System", The Journal of Histochemistry and Cytochemistry, Vol. 33, No. 1, pp. 11-20, 1985	
	AIIIIII	Maudelonde, T. et al., "Immunostaining of Cathepsin D in Breast Cancer: Quantification by Computerised Image Analysis and Correlation with Cytosolic Assay", Eur T Cancer, Vol. 28A, No. 10, pp. 1686-1691, 1992	
	AJJJJJJ	Aziz, Douglas C., "Quantitation of Estrogen and Progesterone Receptors by Immunocytochemical and Image Analyses", Anatomic Pathology, From Cytometrics, Inc., Division of Specialty Laboratories, pp. 105-111, July 1991	
	AKKKKKK	Unnerstall, James R. et al., "New Approaches to Quantitative Neuropathology: Multivariate Analysis of Morphologic and Neurochemical Measures", Neurobiology of Aging, Vol. 8, pp. 567-569, Pergamon Journals Ltd., 1987	
	ALLLLL	Schultz, Daniel S., et al., "Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples", Analytical and Quantitative Cytology and Histology, Vol. 14, No. 1, Feb. 1992	
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10225-003002	Application No. Unassigned <i>10/728698</i>
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Presley Hays et al.			
		Filing Date Herewith		Group Art Unit Unknown	

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Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/KP/	AA	4,125,828	11/14/78	Resnick et al.	340	146.3	
	AB	4,939,240	07/03/90	Chu et al.	530	387	
	AC	5,016,173	05/14/91	Kenet et al.	364	413.13	
	AD	5,231,580	07/27/93	Cheung et al.	364	413.13	
	AE	5,499,097	03/12/96	Ortyn et al.	356	372	
	AF	5,428,690	06/27/95	Bacus et al.	382	128	
	AG	6,040,139	03/21/00	Bova	435	6	
V	AH	6,069,242	05/30/00	Zavada et al.	536	24.31	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AI						
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	AM						

Other Documents (include Author, Title, Date, and Place of Publication)		
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